



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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 Filing Date: May 04, 2006
 U.S. App. No. 10/578,155
 Art Unit No.: 2431
 Confirmation No. 8796
 Examiner: VAUGHN, Michael R.
 Title: Detector autocalibration in QKD Systems
 Attorney Docket No. 037-03US1

Mail Stop: Amendment
 Commissioner for Patents
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CERTIFICATE OF MAILING (37 CFR 1.8a)
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Date: April 13, 2009

REPLY UNDER 37 CFR § 1.113

In reply to the Second and Final Office Action dated April 01, 2009, Applicants submit the following Amendments and Remarks with respect to the above-identified patent application (the "Application"). Where necessary, reference is made hereinbelow to Applicants' published patent application, U.S. Pat. Pub. No. 2007/0133799 A1 (hereinafter, the "Published Application").

- **Amendments to the Claims begin on page 2.**
- **Remarks/Arguments begin on page 7.**